CLAIMS:

1. A vehicle fan shroud made integrally with a coolant reservoir comprising:

a fan shroud unit formed from a single piece of material and having a substantially flat flange portion and a hub portion for a radiator fan, said hub portion having a circular periphery; and

coolant reservoir for a coolant having a shape of an irregular polygon to match the configuration of a portion of said circular periphery of said hub portion, said coolant reservoir having a top portion, a bottom portion, and side portions, of which one side portion is open, said coolant reservoir being made from a substantially transparent material that allows to see the level of said coolant; and

means for connecting said coolant reservoir to said substantially flat portion of said fan shroud by sealingly attaching said open side portion of said coolant reservoir so that said flat portion closes said one side of said coolant reservoir and forms a wall of said coolant reservoir.

2. The vehicle fan shroud of Claim 1, wherein said means for connecting comprise a weld flange on said one side and a sealed welding seam along said weld flange.

3. The vehicle fan shroud of Claim 1, further comprising the following parts made integrally as a single piece with said coolant reservoir: a filler neck on said top portion, a coolant supply nipple portion projecting from said top, a coolant supply tube located inside said coolant reservoir, and a drain pipe extended from said bottom portion.

4. The vehicle fan shroud of Claim 3, wherein said coolant supply nipple portion projecting from said top, said coolant supply tube located inside said coolant reservoir, and said drain pipe extended from said bottom portion are coaxial and are located substantially at the corner portion inside said coolant reservoir.

5. The vehicle fan shroud of Claim 4, wherein one of said side portions, other than said side portion which is open, has marking items indicating the maximal allowable level of said coolant and the minimal allowable level of said coolant in said coolant reservoir, said coolant supply tube located inside said coolant reservoir extending below said minimal allowable level but above said bottom portion.

6. The vehicle fan shroud of Claim 5, further comprising a filler cap for closing said filler neck.

7. The vehicle fan shroud of Claim 2, wherein sealed welding seam is a thermal welding seam.

8. The vehicle fan shroud of Claim 7, wherein said fan shroud portion and said coolant reservoir are parts produced by injection molding.

9. The vehicle fan shroud of Claim 8, further comprising the following parts made integrally as a single piece with said coolant reservoir: a filler neck on said top portion, a coolant supply nipple portion projecting from said top, a coolant supply tube located inside said coolant reservoir, and a drain pipe extended from said bottom portion.

10. The vehicle fan shroud of Claim 9, wherein said coolant supply nipple portion projecting from said top, said coolant supply tube located inside said coolant reservoir, and said drain pipe extended from said bottom portion are coaxial and are located substantially at the corner portion inside said coolant reservoir.

11. The vehicle fan shroud of Claim 10, wherein one of said side portions, other than said side portion which is open, has marking items indicating the maximal

allowable level of said coolant and the minimal allowable level of said coolant in said coolant reservoir, said coolant supply tube located inside said coolant reservoir extending below said minimal allowable level but above said bottom portion.

12. The vehicle fan shroud of Claim 11, further comprising a filler cap for closing said filler neck.

13. A vehicle fan shroud made integrally with a coolant reservoir comprising:

a fan shroud unit formed from a single piece of a non-transparent material and having a flat flange portion and a hub portion for a radiator fan, said hub portion having a circular outer periphery; and

coolant reservoir for a liquid coolant having a shape of an irregular polygon to match the configuration of a portion of said circular outer periphery of said hub portion, said coolant reservoir having a top portion, a bottom portion, and side portions, of which one side portion is open, said coolant reservoir being made from a semi-transparent material that allows to see the level of said liquid coolant;

a thermal welding seam around said one side portion that sealingly attach said coolant reservoir to said flat portion of said fan shroud so that said flat portion forms a wall of said coolant reservoir;

a coolant supply nipple portion projecting from said top, a coolant supply tube located inside said coolant reservoir, and a drain pipe extended from said bottom portion which are coaxial and are all molded as a single piece with said coolant reservoir.

14. The vehicle fan shroud of Claim 13, wherein said one side portion, which is open, has a periphery and weld flange along said periphery for forming said weld seam along said weld flange.

15. The vehicle fan shroud of Claim 14, wherein said coolant supply nipple portion projecting from said top, said coolant supply tube located inside said coolant reservoir, and said drain pipe are located substantially at the corner portion inside said coolant reservoir.

16. The vehicle fan shroud of Claim 15, further comprising a filler neck on said top portion and a filler cap removably and snugly fit onto said filler neck.

17. The vehicle fan shroud of Claim 13, wherein one of said side portions, other than said side portion which is open, has marking items indicating the maximal allowable level of said coolant and the minimal allowable level of said coolant in said coolant reservoir, said coolant supply tube located inside said coolant reservoir extending below said minimal allowable level but above said bottom portion.

18. The vehicle fan shroud of Claim 17, further comprising a filler cap for closing said filler neck.

19. The vehicle fan shroud of Claim 15, wherein one of said side portions, other than said side portion which is open, has marking items indicating the maximal allowable level of said coolant and the minimal allowable level of said coolant in said coolant reservoir, said coolant supply tube located inside said coolant reservoir extending below said minimal allowable level but above said bottom portion.

20. The vehicle fan shroud of Claim 17, further comprising a filler cap for closing said filler neck.